



PARTNERS in Architecture, PLC
Architecture Planning Interior Architecture Sustainable Design

Fire Station Preliminary Design

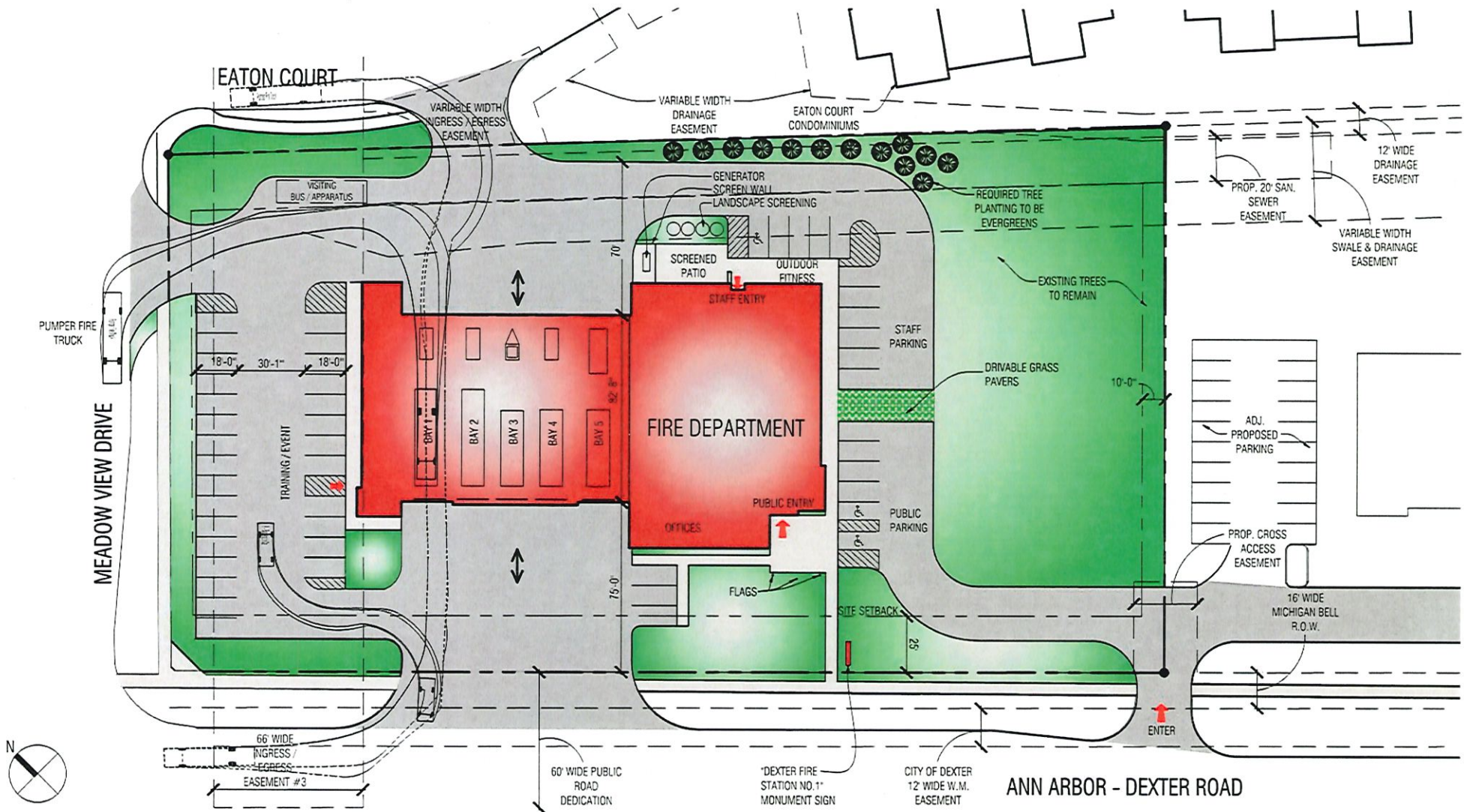


City Council Presentation

October 14, 2019



The City of Dexter



19-159 CITY OF DEXTER FIRE STATION

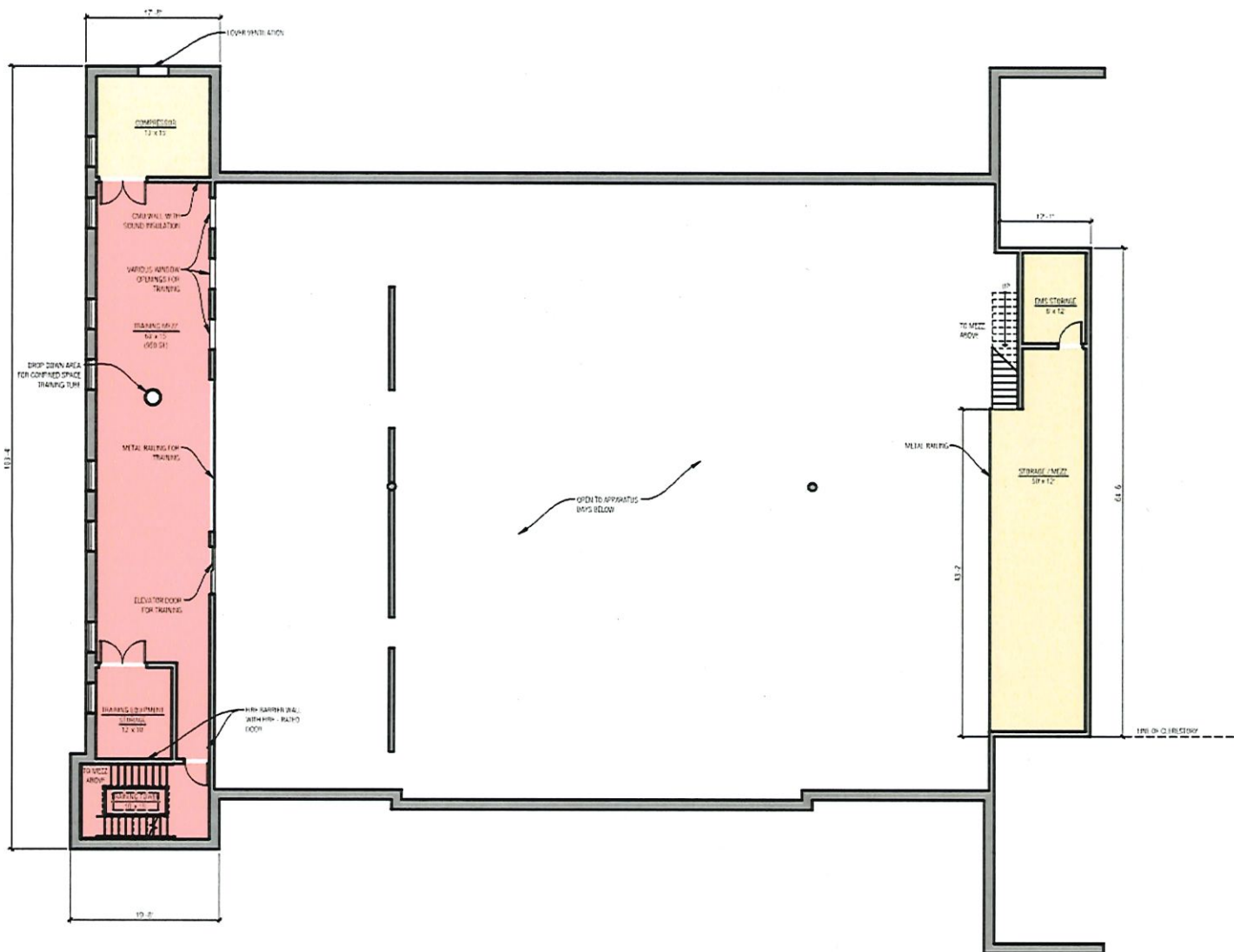
October 14th, 2019

Site Plan

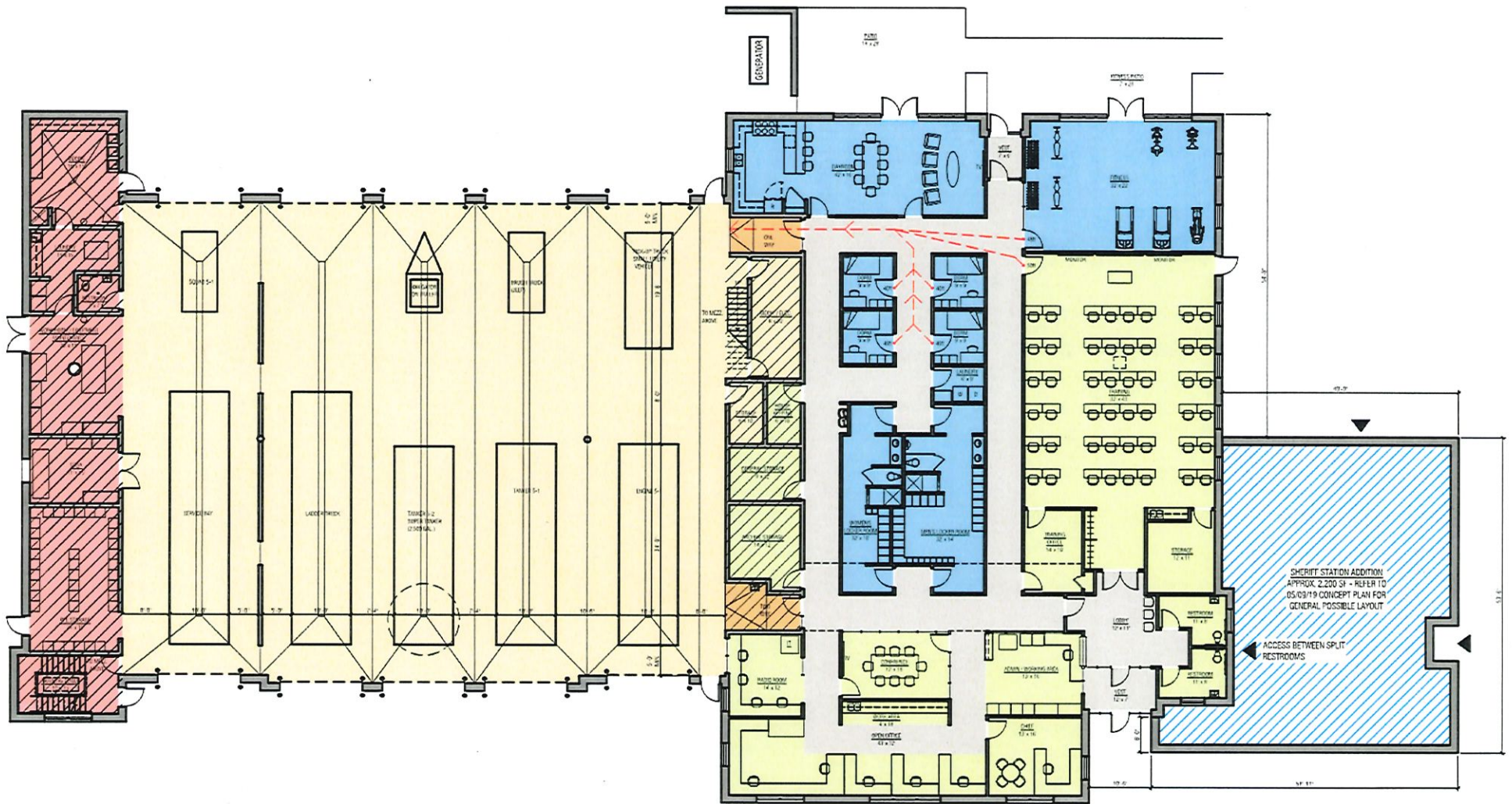
FIRE STATION CONCEPT

Dexter, MI

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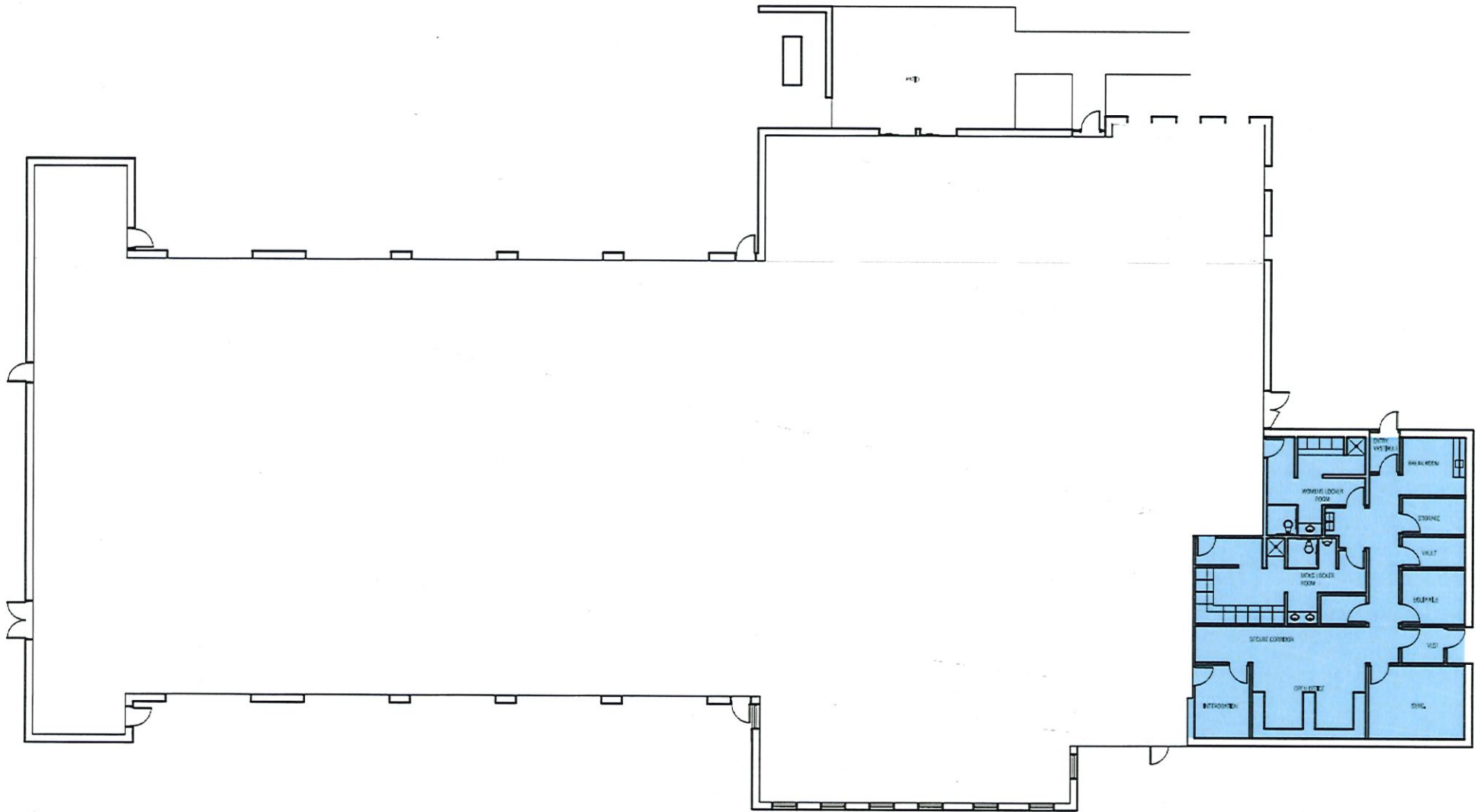
October 14th, 2019

Floor Plan

FIRE/SHERIFF STATION CONCEPT

Dexter, MI

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Sheriff Reference Floor Plan

FIRE/SHERIFF STATION CONCEPT

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Concept 1 – Aerial View

ELEVATION CONCEPT

Dexter, MI

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Concept 1 – Dexter Ann Arbor Rd View

ELEVATION CONCEPT

October 14th, 2019

Dexter, MI

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Concept 1 – Entrance View

ELEVATION CONCEPT

Dexter, MI

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Concept 1 – Eaton Ct View

ELEVATION CONCEPT

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Concept 1 – Meadow View Dr View

ELEVATION CONCEPT

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Concept 2 – Dexter Ann Arbor Rd View

ELEVATION CONCEPT

October 14th, 2019

Dexter, MI

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Michigan Fire Stations

Title	Location	Work Type	Year	Estimated Value	Bid Result	Size (sq ft)	\$ / sq ft
New Public Safety Building	Macomb Township, MI	New	2019	\$11,000,000.00	\$11,068,000.00	37,000	\$299.14
New Public Safety Building	Grosse Pointe, MI	New	2019	\$6,980,000.00	\$6,981,200.00	18,336	\$380.74
Portage Fire Station #2	Portage, MI	New	2019	\$6,000,000.00	\$6,030,926.00	18,500	\$326.00
Charlotte Fire Station #43	Charlotte, MI	New	2019	\$5,000,000.00	\$5,683,720.00	17,000	\$334.34
Fire Station #2	Canton Twp, MI	New	2019	\$5,000,000.00	\$5,797,000.00	13,483	\$429.95
Webster Township Fire Station	Webster Township, MI	New	2019	\$2,800,000.00			
Chesterfield Fire Station #1 renovations	Chesterfield Twp, MI	Renovation	2019	\$1,500,000.00	\$1,770,000.00		
Dexter Fire Station	Dexter, MI	New	2018	\$6,000,000.00			
Monroe Fire Station #1	Monroe, MI	New	2018	\$5,270,000.00		15,426	\$341.63
Fire Station #3 & Community Center	Farmington Hills, MI	New	2018	\$4,800,000.00		23,200	\$206.90
West Bloomfield Fire Station #3	West Bloomfield, MI	New	2018	\$4,200,000.00		11,500	\$365.22
Shelby Fire Station #4	Shelby Township, MI	New	2018	\$2,900,000.00			
Ludington Fire Station	Ludington, MI	New	2018	\$2,000,000.00		10,000	\$200.00
Charlevoix Twp. Fire Station	Charlevoix, MI	New	2018	\$1,820,000.00			
Wyandotte Fire Station	Wyandotte, MI	Renovation	2018	\$2,500,000.00			
Troy Fire Station #4	Troy, MI	New	2017	\$3,500,000.00		10,600	\$330.19
Oakland Twp. Headquarters Fire Station	Oakland Township, MI	New	2017	\$2,700,000.00		17,500	\$154.29
Howell Fire Department	Howell, MI	Expansion	2017	\$1,500,000.00			
Spring Lake Fire Station	Spring Lake, MI	New	2016	\$3,900,000.00			
Green Oaks Twp. Fire Station	Green Oaks, MI	New	2016	\$3,000,000.00			
Birmingham Fire Station	Birmingham, MI	New	2016	\$3,000,000.00	\$3,150,000.00	10,000	\$315.00
Rochester Hills Fire Station #4	Rochester Hills, MI	New	2015	\$4,500,000.00	\$3,749,487.00	12,500	\$299.96
Meridian Twp. Fire Station #91	Okemos, MI	New	2015	\$3,000,000.00		10,800	\$277.78
Kimball Twp. Fire Station	Kimball, MI	Addition	2015	\$1,400,000.00			
Ralph Savini Fire Station	Westland, MI	New	2014	\$3,100,000.00		11,223	\$276.22
Highland Park Fire Department Headquarters	Highland Park, MI	New	2013	\$2,700,000.00		14,000	\$192.86
Milford Fire Station #1	Milford, MI	New	2010	\$3,700,000.00		19,000	\$194.74
Fire Station #4	Warren, MI	New	2010	\$2,400,000.00		8,860	\$270.88
Washington Fire Station #1	Washington Twp, MI	New	2009	\$1,500,000.00	\$2,482,680.00	17,745	\$139.91
Kalamazoo Multi-Use Fire Station	Kalamazoo, MI	New	2008	\$3,100,000.00		17,500	\$177.14
Van Buren Twp. Headquarters Fire Station	Van Buren Township, MI	New	2006	\$3,900,000.00		17,500	\$222.86
Midtown Station #1	Taylor, MI	New	2005	\$5,000,000.00		28,000	\$178.57
Macomb Twp. Fire Station #3	Macomb Township, MI	New	2005	\$2,800,000.00		11,800	\$237.29
Fire Dpt. Headquarters & Central Fire Station	Chesterfield Township, MI	New	2005	\$2,670,000.00		16,000	\$166.88
Superior Twp. Headquarters Fire Station	Superior Township, MI	New	2005	\$2,000,000.00		10,900	\$183.49
Madison Heights Headquarters Fire Station	Madison Heights, MI	New	2004	\$4,800,000.00		19,500	\$246.15
Delta Twp. Fire Station	Delta Township, MI	New	2003	\$5,000,000.00		24,800	\$201.61
Wayne Headquarters Fire Station	Wayne, MI	New	2003	\$4,170,000.00		22,520	\$185.17
Oxford Fire Station #1	Oxford, MI	New	2002	\$2,500,000.00		16,200	\$154.32
Livonia Fire Station #3	Livonia, MI	New	2002	\$2,400,000.00		10,500	\$228.57
Littlefield Twp. Fire Station	Alanson, MI	New	2002	\$1,200,000.00		10,000	\$120.00
Lyon Fire Station #1	Lyon Twp, MI	New	2000	\$2,400,000.00		12,300	\$195.12
Webster Township Fire Station	Webster Township, MI	New	2000	\$2,400,000.00		12,300	\$195.12



PARTNERS

19-159 CITY OF DEXTER FIRE STATION

Michigan Fire Stations Construction Costs

October 14th, 2019

BUDGET

Dexter, MI

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City of Dexter New Fire Station		
Concept - Design Estimate of Probable Project Cost		
Gross Building Area - Approximately 19,800sf and 2,600sf mezzanine		
Item		Estimated Cost
Site Development, storm, sewer, paving, landscape		720,000
Building Envelope and super structure		1,830,000
Interior Buildout, fit and finishes, security, AV, furniture		1,100,000
Building infrastructure		1,430,000
Construction Subtotal Cost		5,080,000
Contractor General Conditions - 10%		508,000
Contractor's OH&P - 5%		254,000
Estimating Contingency - 10%		508,000
Project Construction Cost Estimate		6,350,000
Construction Contingency - 7.5%		476,000
Professional Fees - Legal/Arch./Eng./Financing/Testing - 8%		508,000
Other Owner Soft Cost Allowance (not including debt service)		48,000
Consider 3-5% cost escalation per year after 2019		
Cost of permits not included in estimation		
Total Probable Project Cost Estimate		7,382,000
<i>Estimate assumes a construction start summer 2020</i>		
Sheriff Option	Add	\$600,000
Sheriff not including technology, furnishings, loose equipment		



19-159 CITY OF DEXTER FIRE STATION

Estimate of Probable Project Cost

October 14th, 2019

BUDGET

Dexter, MI

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